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Title of Invention

An oral composition

Claims

[Claim 1]

An oral composition, characterized in that it is formed by mixing into an oral composition comprising alkyl sulfate and 1% by weight or more of water soluble polyphosphate based on the total weight of the oral composition, orthophosphate at a weight ratio of 0.2 times or more the water soluble polyphosphate.

[Claim 2]

The oral composition according to claim 1, which further comprises one or more surfactants selected from the group consisting of N-acylamino acid, salts thereof, and polyoxyethylene alkyl ether sulfate.

[Example 1]

Toothpaste

Precipitated silica	30.0%
Propylene glycol	3.0
Sorbitol	20.0
Sodium carboxymethylcellulose	1.4
Sodium saccharin	0.1
Stevioside	0.1
Sodium lauryl sulfate	1.0
Tranexamic acid	0.05
α -alumina anhydride	3.0
Colloidal silica	3.0
Methylparaben	0.05
Aroma chemical	1.0
Potassium pyrophosphate	2.0
Disodium hydrogen phosphate	1.0
Water	Balance
Total	100.0%

As surfactant w/ hydrophobic group

[Example 2]

Toothpaste

Reformed aluminum hydroxide	18.0%
Propylene glycol	2.0
Glycerin	20.0
Sodium hydroxyethylcellulose	1.4
Sodium saccharin	0.1
Sodium lauryl sulfate	0.5
Sodium polyoxyethylene lauryl ether sulfate	0.5
Colloidal silica	3.0
Sodium monofluorophosphate	0.76
Chlorhexidine gluconate	0.1
Methylparaben	0.05
Aroma chemical	1.0
Sodium polyphosphate	2.0
Sodium dihydrogen phosphate	0.4
Water	<u>Balance</u>
Total	100.0%

[Example 3]

Toothpaste

Silicic anhydride	25.0%
Glycerin	30.0
60% sorbit solution	25.0
Polyethylene glycol	5.0
Sodium saccharin	0.1
Sodium lauryl sulfate	1.0
Sodium polyoxyethylene myristyl ether sulfate	0.5
Sodium fluoride	0.22
Aroma chemical	1.0
Sodium polyphosphate	4.0
Sodium dihydrogen phosphate	1.0
Water	Balance
Total	100.0%

[Example 4]

Dental cream

Sorbitol	20.0%
Propylene glycol	2.5
Sodium lauryl sulfate	0.5
Sodium <u>N-lauroyl</u> glutamate	0.5
Sodium carboxymethylcellulose	1.0
Sodium saccharin	0.1
Ethyl parahydroxybenzoate	0.1
Aroma chemical	0.8
Sodium pyrophosphate	5.0
Sodium dihydrogen phosphate	2.0
<u>Water</u>	<u>Balance</u>
Total	100.0%

[Example 5]

Liquid toothpaste

Silicic anhydride	15.0%
60% sorbit solution	35.0
Glycerin	35.0
Propylene glycol	5.0
Xanthan gum	0.2
Sodium polyacrylate	0.2
Sodium saccharin	0.1
Sodium lauryl sulfate	0.5
Sodium myristoylmethyl- β -alanine	1.0
Sodium fluoride	0.22
Aroma chemical	1.0
Sodium pyrophosphate	3.0
Sodium dihydrogen phosphate	2.0
Water	Balance
Total	100.0%

[Example 6]

Mouth washes

Ethanol	10.0%
Sodium saccharin	0.05
Sodium monofluorophosphate	0.05
Chlorhexidine gluconate	0.01
Colorant	0.01
Sodium benzoate	0.05
Antioxidant	0.01
Aroma chemical	0.3
Sodium lauryl sulfate	0.3
Sodium polyoxyethylene myristyl ether sulfate	0.3
Sodium hexametaphosphate	0.5
Potassium pyrophosphate	1.0
Disodium hydrogen phosphate	0.5
Water	Balance
Total	100.0%